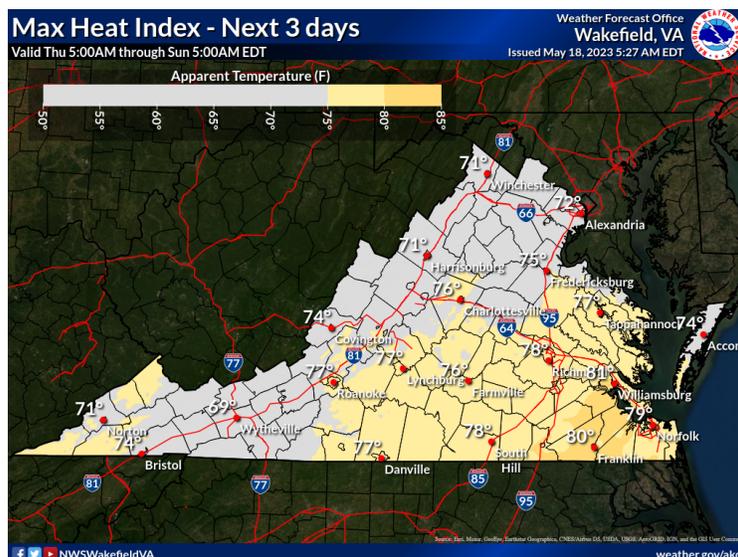
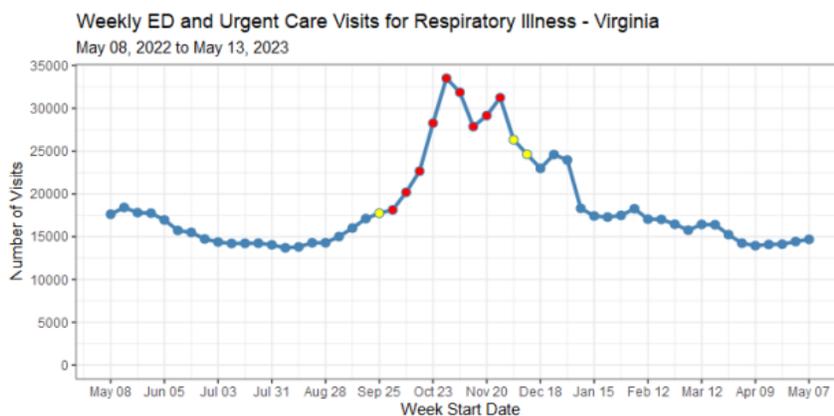


May 19, 2023

Key Takeaways

- Overall respiratory illness activity is stable near baseline levels.
- Although the WHO mpox PHEIC declaration ended last week, CDC cautioned that mpox cases may rise over the next few months due to increases in gatherings and events. Chicago is currently experiencing a resurgence of mpox with 12 confirmed cases and one probable case.
- Traffic accident fatalities are on the rise in Virginia. Hampton Roads led all metropolitan areas in Virginia for vehicle crashes in 2022.
- Two EF1 tornados touched down in Southwest Virginia causing limited damage.
- VDH launched the SARS-CoV-2 wastewater surveillance dashboard on Thursday.

Key Figures



Source: National Weather Service

COVID-19

8%

Chance that the WHO will identify a new COVID-19 Variant of Concern in 2023. (Metaculus forecast)

4%

*Chance that Virginia will experience a COVID-19 case surge before **September** 2023. (Metaculus forecast)*

123

New COVID-19 hospital admissions in Virginia for the week ending May 13.

Mpox

3

Metaculus forecast of the number of mpox cases Virginia will experience in Q2, 2023

Motor Accidents

1004 vs. 752

Crash fatalities in Virginia in 2022 compared 2015.

38%

Increase of fatal crash rates in Hampton Roads from 2019-2021 compared to 2010-2012.

Spotlight:

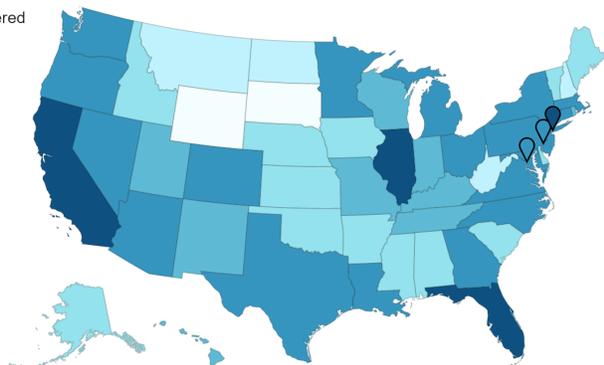
Mpox

Forecasts are italicized

Spotlight

Doses Administered

- 1 - 500
- 501 - 1,000
- 1,001 - 5,000
- 5,001 - 10,000
- 10,001 - 50,000
- > 50,000



Total vaccine doses administered and reported to the CDC as of May 9. Image Source: [CDC](#).

- **WHO ends mpox PHEIC, but scientists worry this may burden regions without resources to handle mpox.** The PHEIC designation helped to stimulate support from governments and public-health leaders in Nigeria and other affected countries in Africa. These regions still have trouble accessing mpox vaccines and therapeutics.

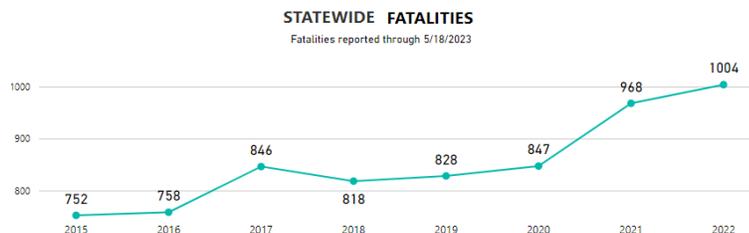
Mpox

- **CDC highlighted the potential risk for new mpox cases in a health alert.** Summer events could lead to a resurgence of mpox. CDC expects new cases among previously vaccinated people to occur, but people who have completed their two-dose JYNNEOS vaccine series may experience less severe symptoms than those who have not. Only 23% of the population at risk has been fully vaccinated nationally.
- **Chicago experiences resurgence of mpox.** Twelve confirmed cases and one probable case of mpox were reported from April 17 to May 5. All cases were among symptomatic men. Nine (69%) of 13 cases were among men who were fully vaccinated for mpox. None of the patients have been hospitalized.
- **Wastewater detections show mpox likely underestimated in Poland.** A new study based on wastewater samples collected in Poland last year shows considerably more mpox DNA than expected based on area cases and hospitalizations, suggesting the virus has been underestimated in central Europe.

Other News

- **San Diego County is experiencing an increase in hepatitis A cases.** So far in 2023, 28 cases have been identified with 18 of these cases in people experiencing homelessness. Virginia's Hepatitis A outbreak, which began in 2019, was declared over in February.
- **Two tornadoes and a strong downdraft caused limited damage and at least one storm-related death in Southwest Virginia.** Both tornadoes were rated as EF1, the second weakest category in the Enhanced Fujita tornado strength scale. Antennas serving Lee county's 911 system were damaged. Emergency calls were routed through Wise county's system for about a day.
- **The National Weather Service has adjusted the heat advisory and warning criteria for several counties in Southwest Virginia.** NWS lowered heat index thresholds after a review found more urgent care and hospital visits than expected below the previous thresholds.

- **No risk to public health after chemical spill in Lynchburg, Virginia.** The Lynchburg Fire Department responded to a slow leak from a tank containing about 2,200 gallons of ethyl acrylate. The leak has been contained to the immediate area. The Virginia Department of Emergency Management and Department of Environmental Quality are working with the company on the cleanup process.
- **Hampton Roads again leads Virginia metro areas in vehicle crashes.** The region, which encompasses Hampton, Norfolk, Chesapeake and Virginia Beach, reported the highest rate of vehicle crashes in Virginia in 2022, at 1.8 crashes per million vehicle-miles of travel (VMT).



Motor vehicle accident fatalities have risen in Virginia from 2015 to 2022. Vehicle crashes and serious injuries have declined over the same period. Image Source: [VDOT](#).